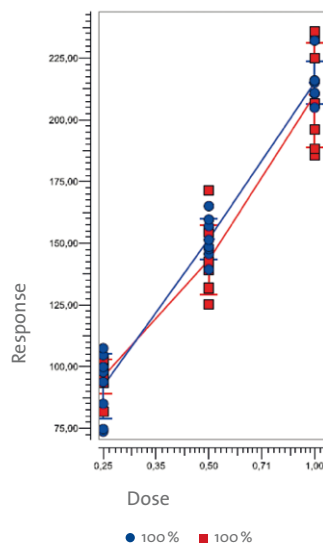


# Bioanalytical Services

## In-Vivo Potency Assays

### Determination of biological activity (ovary weights/seminal vesicle weights)

- Follicle Stimulating Hormone (FSH)
- Luteinizing Hormone (LH)
- Humane Chorionic Gonadotropin (hCG)



### In vivo assays in accordance to

- Pharm. Eur. 958
- Pharm. Eur. 498
- Brit. Pharm. 9002-68-0

### Potency Estimation 100% FSH vs. 100% FSH

- Juvenile female Rats
- Eight replicates in each group
- Three administrations at three consecutive days
- Measurement of ovary weights at day four
- Estimated vs. stated potency: 104.1% vs. 100%
- 95.0% Confidence Interval: 0.950 – 1.140
- Relative Confidence Interval: 91.3% – 109.5% (18.2%)